

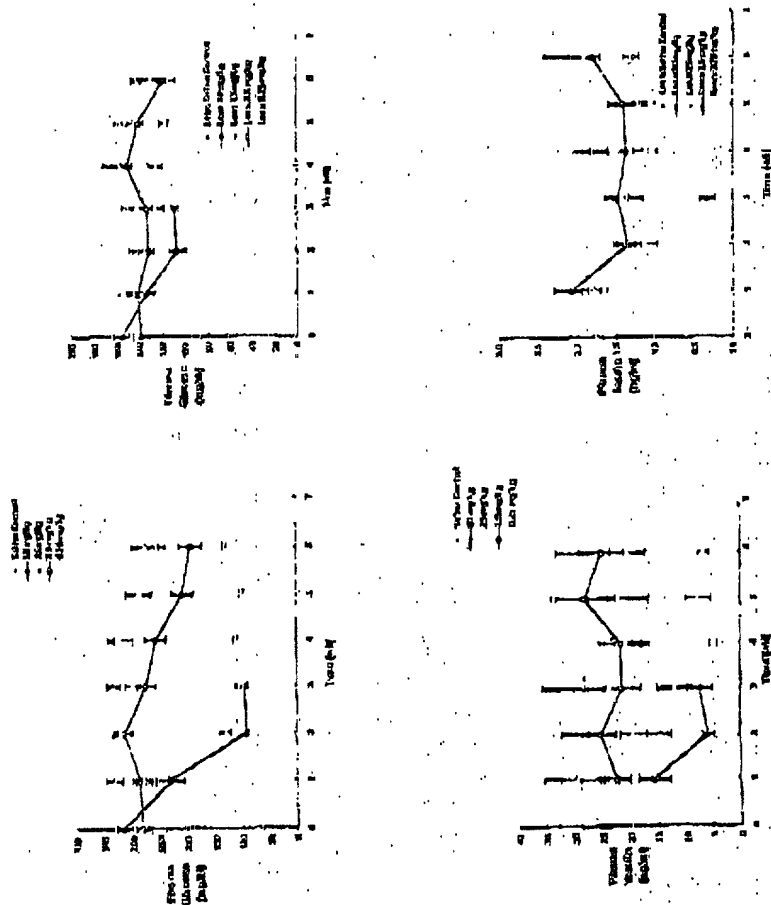
Figure 1



Figure 2

ob/ob

ob/+



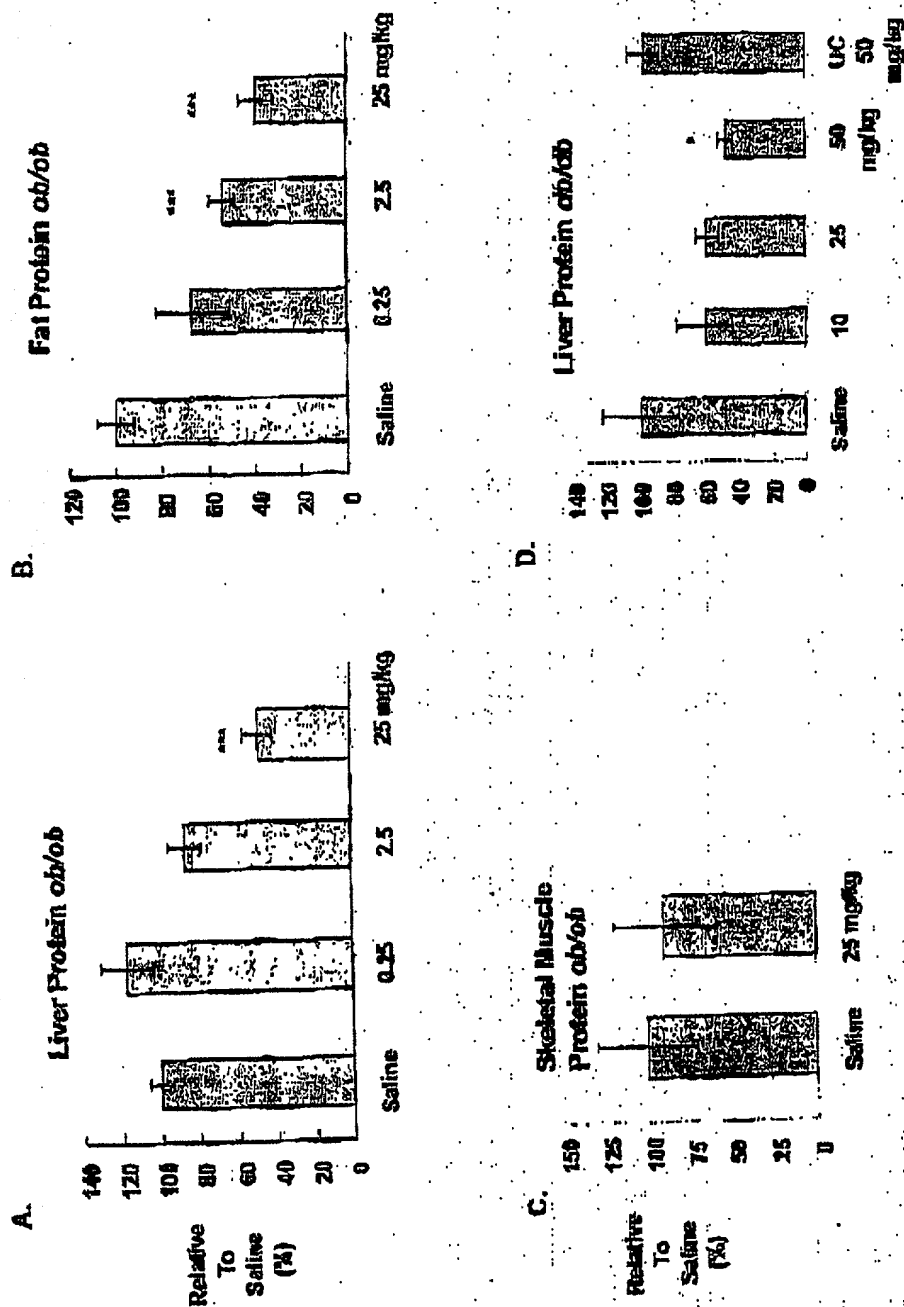


Figure 3

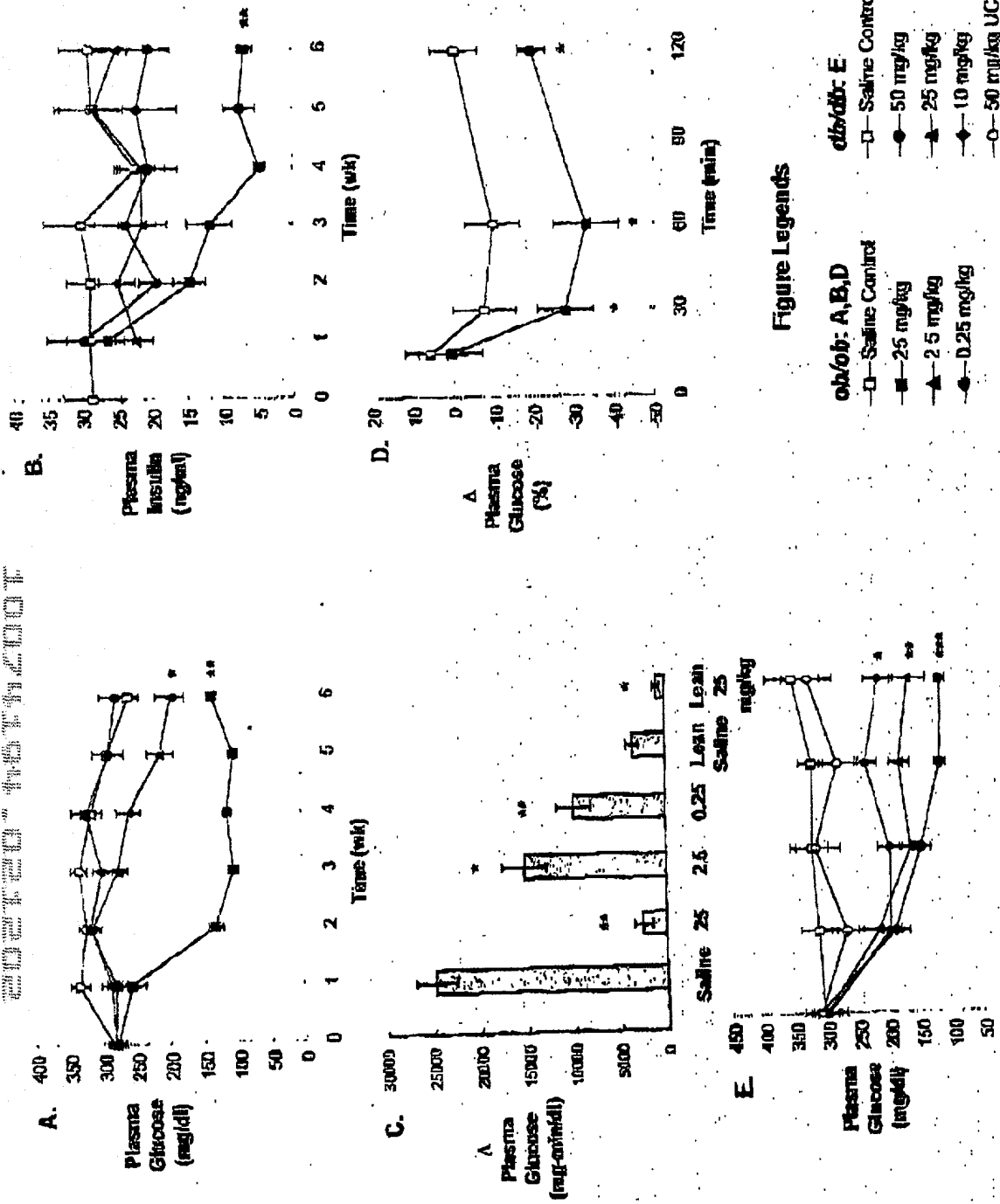
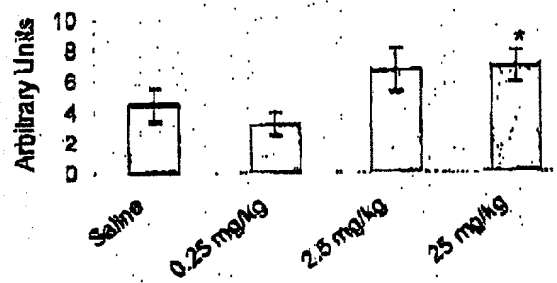
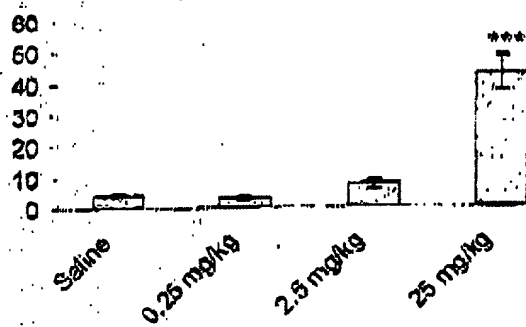


Figure 4

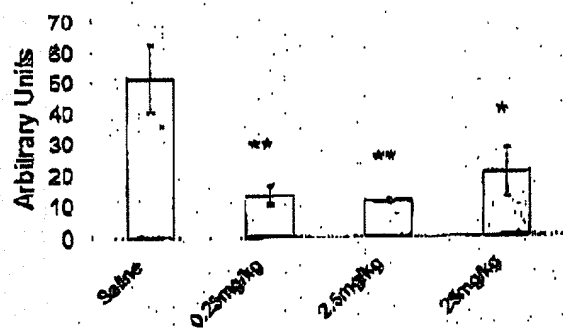
A. Liver IRS-2



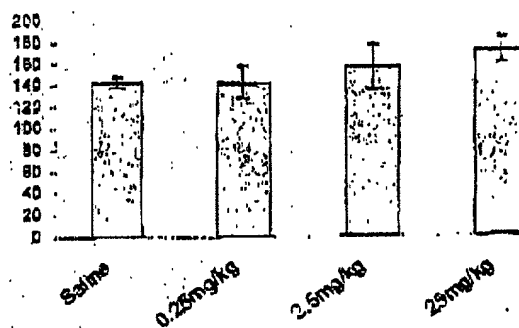
B. Fat IRS-2



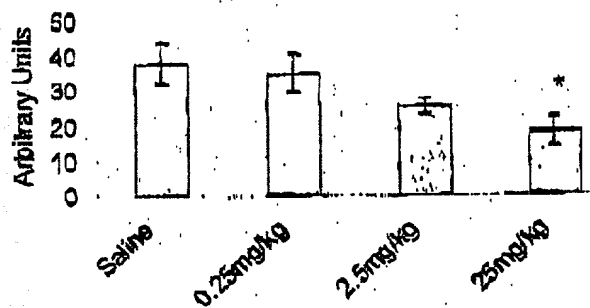
C. Liver p85 $\alpha$



D. Liver p50 $\alpha$



E. Fat p85 $\alpha$



F. Fat p50 $\alpha$

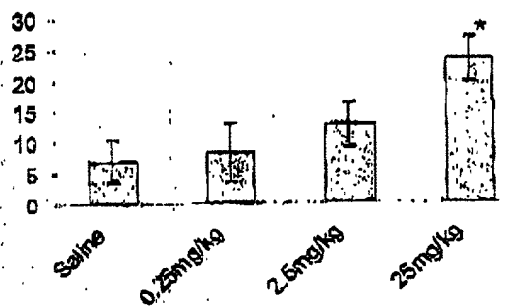


Figure 5

ACCEPTED MANUSCRIPT  
Figure 6

# Liver

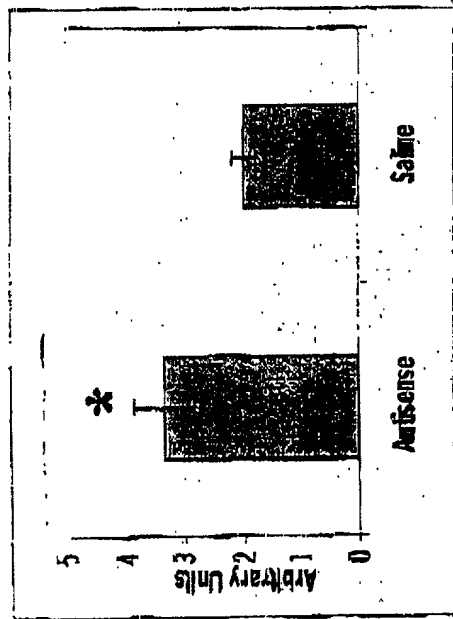


Figure 6 A)

# Fat

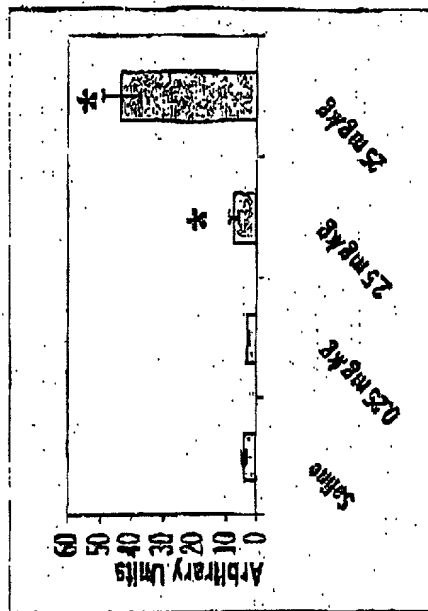
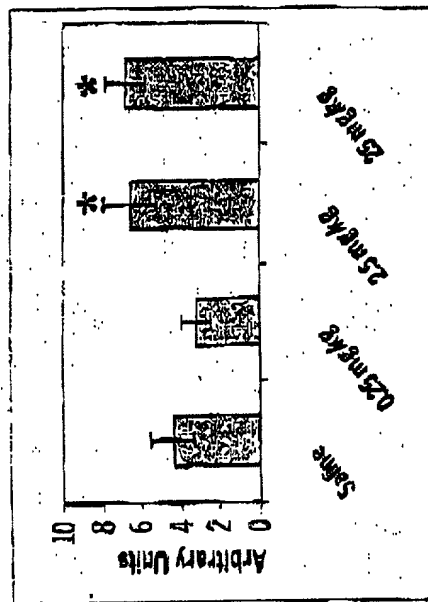
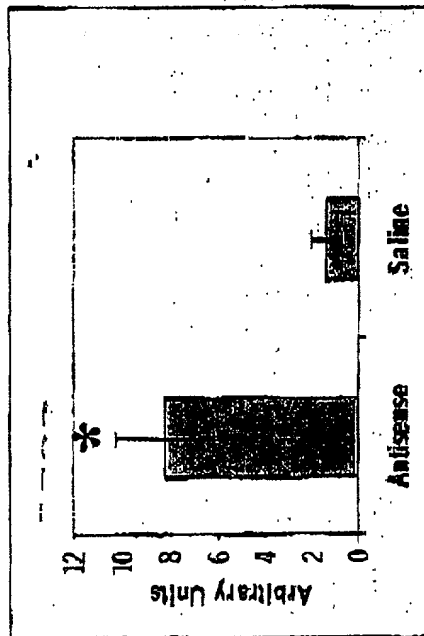


Figure 6 B)

Figure 7A

**Saline**

**Saline Insulin Saline Insulin**

**1 min.**

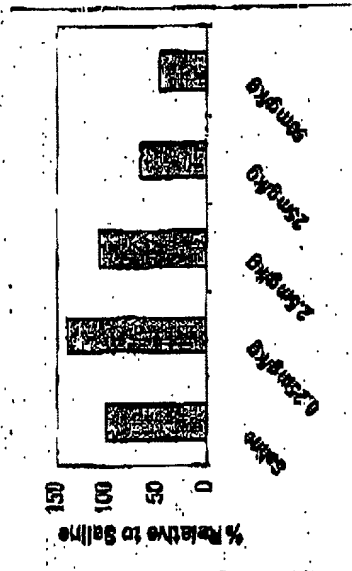
**5 min.**

**→ P-PKB**

**↓ P-PKB**

# Figure 7B

## Fructose-1,6-bisphosphatase



## PEPCK

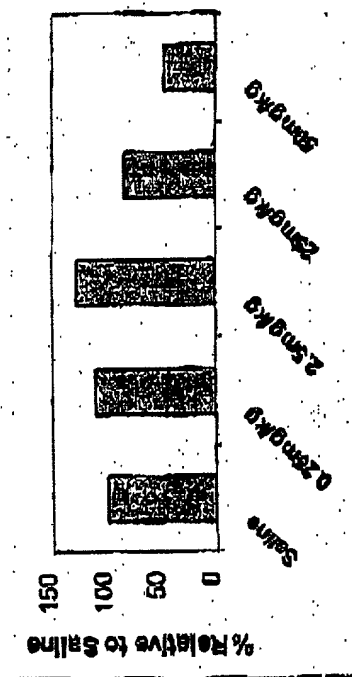
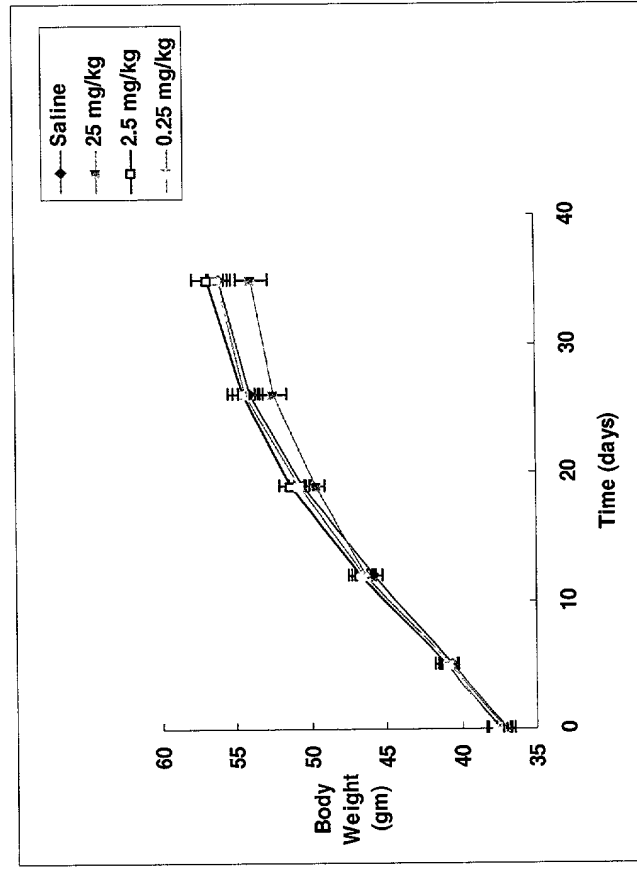


Figure 8

A)



B)

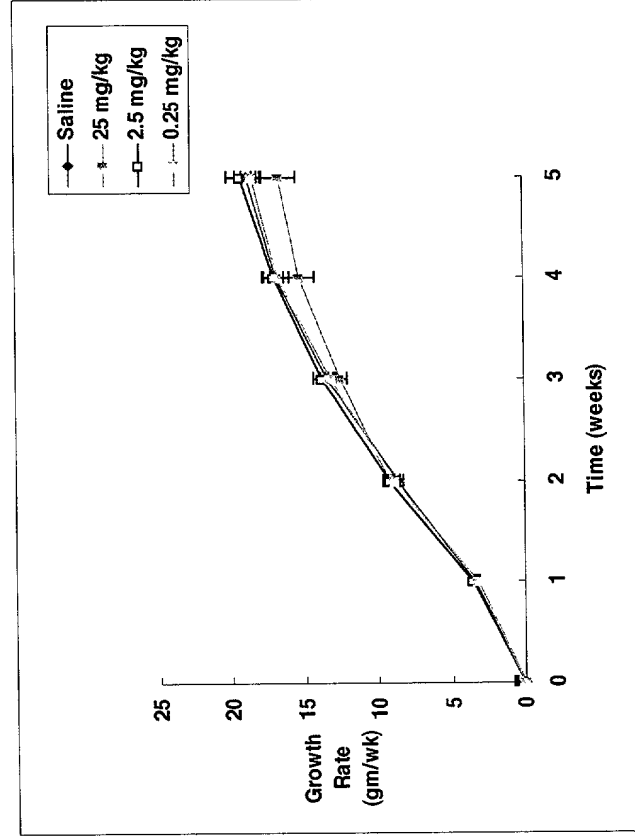


Figure 9

\*

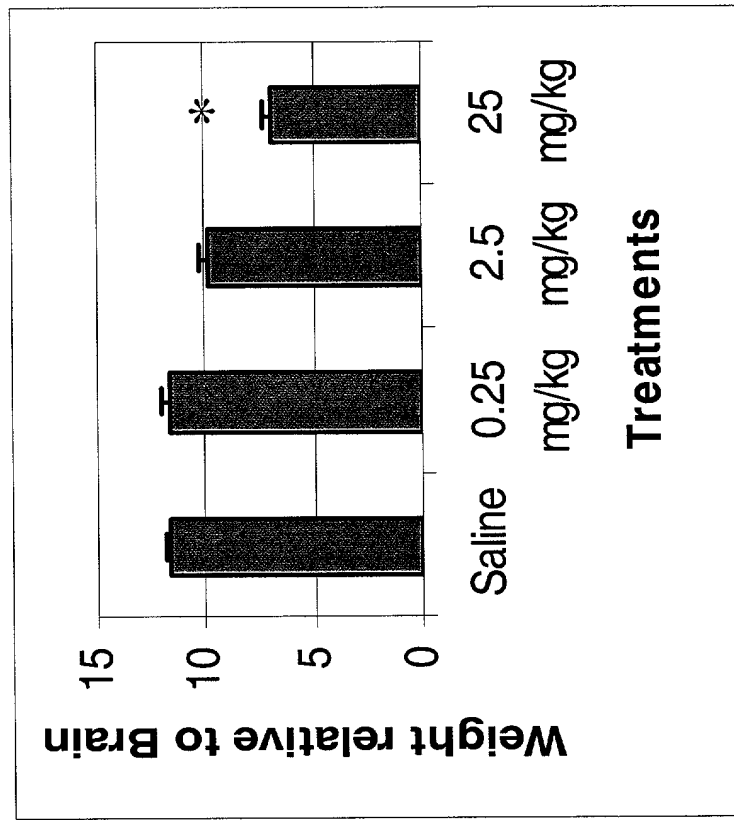
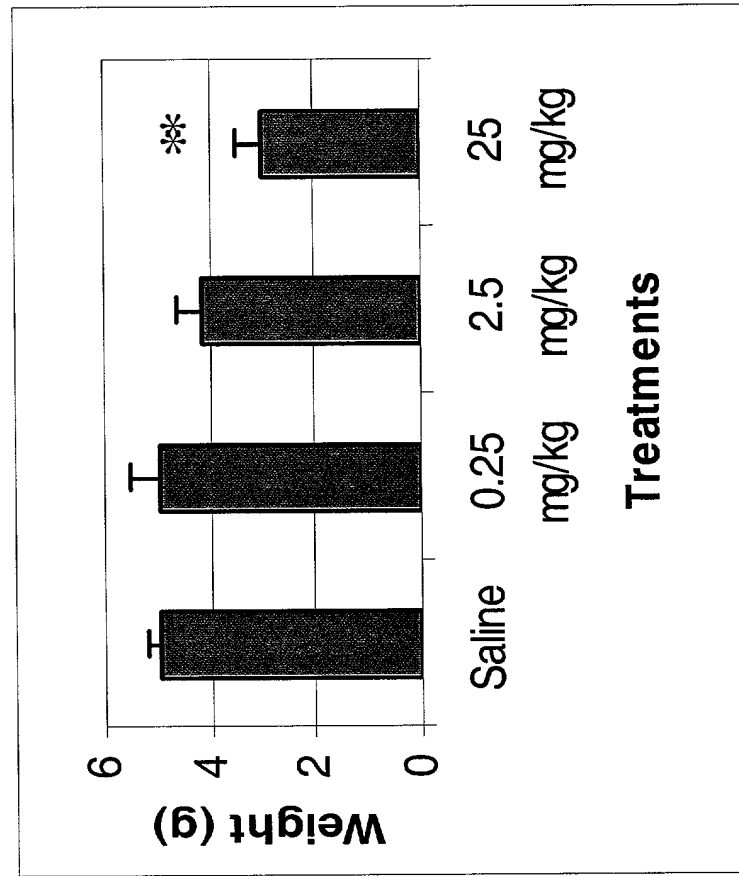


Figure 10

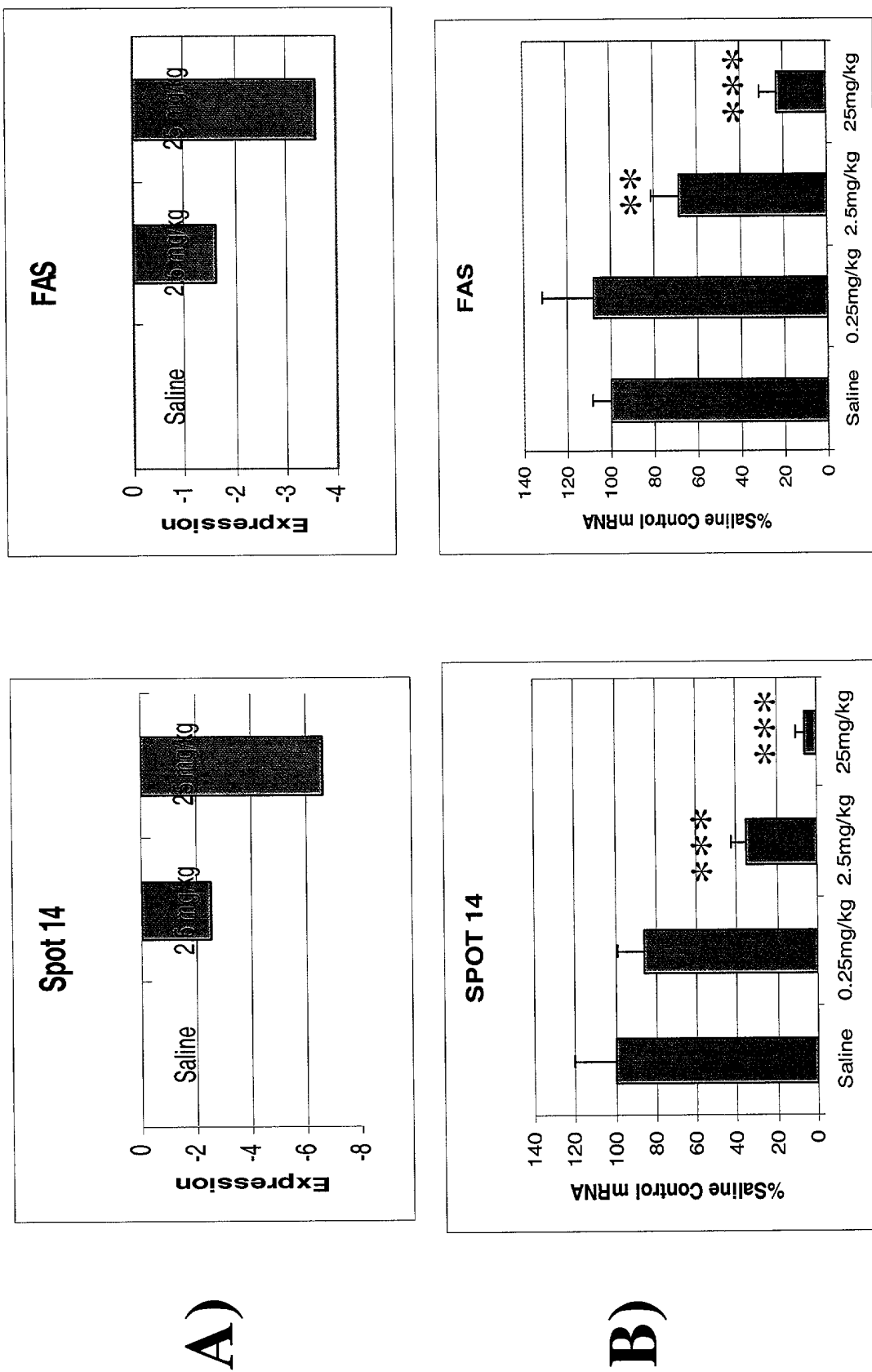


Figure 11

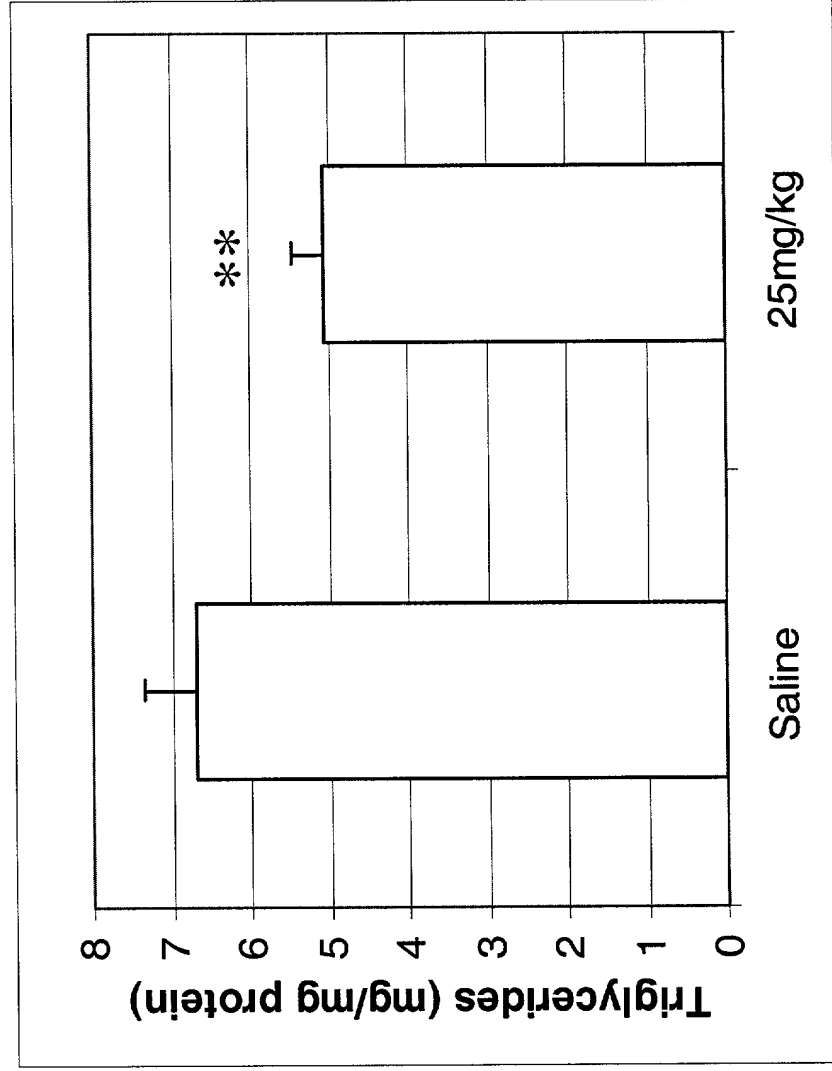
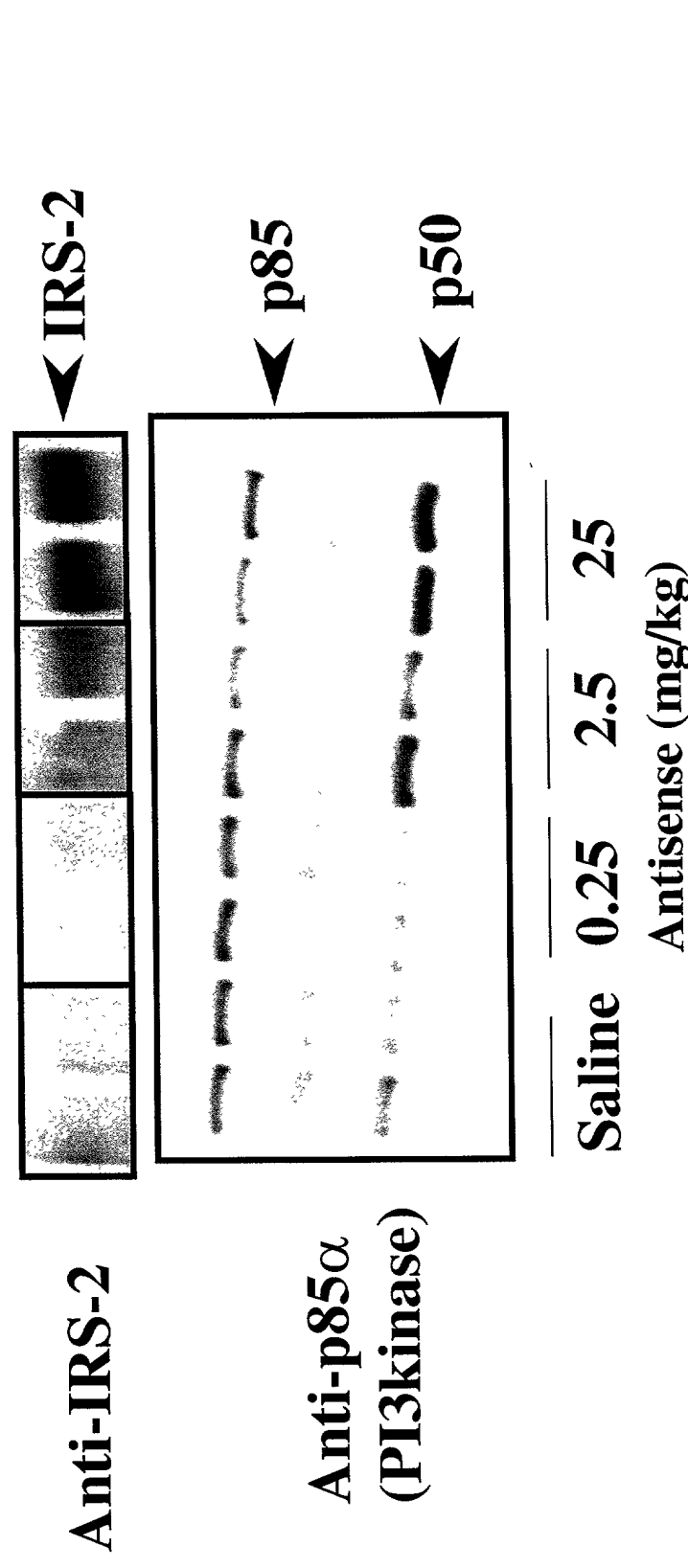


Figure 12

A) BLOT:



B) Anti-pPKB

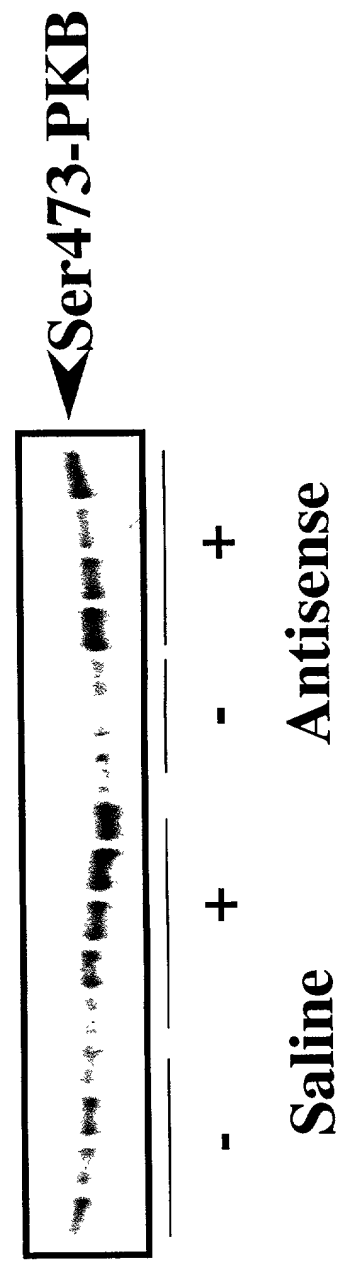
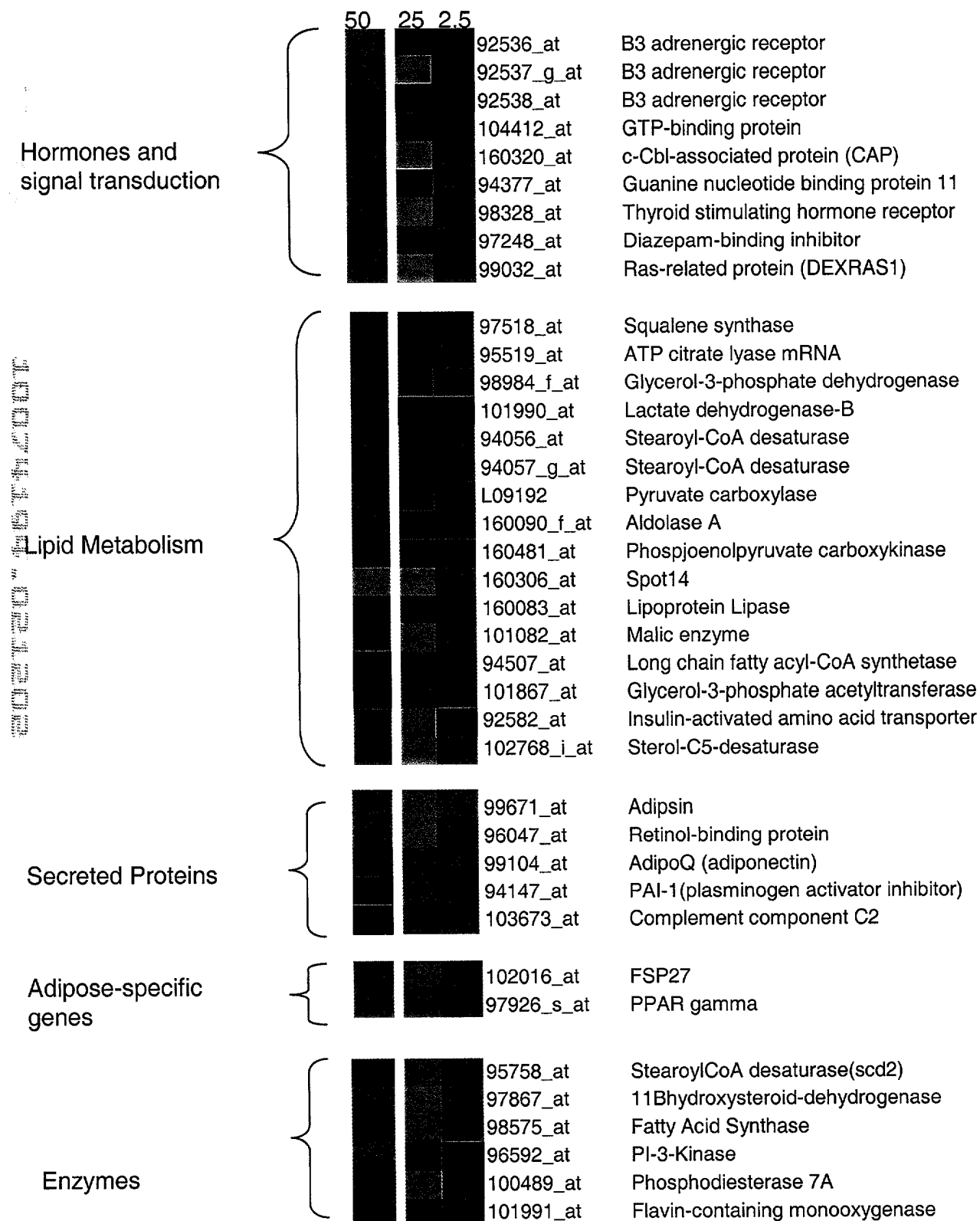
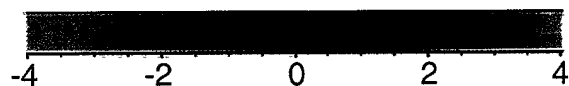
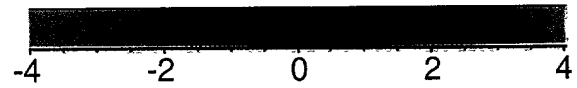
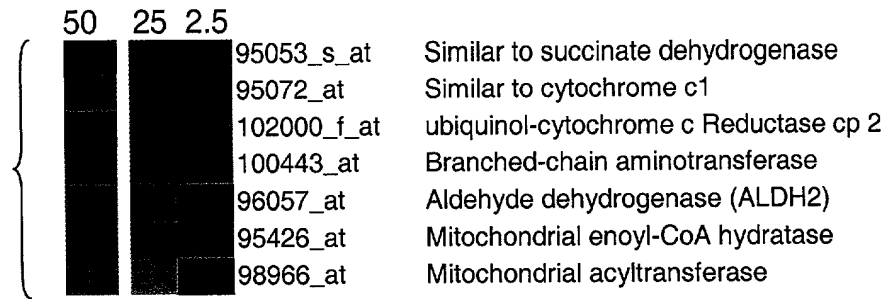


Figure 13.A

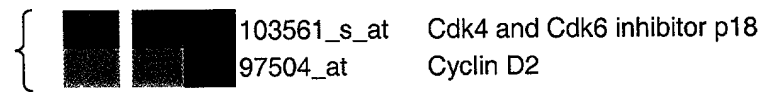




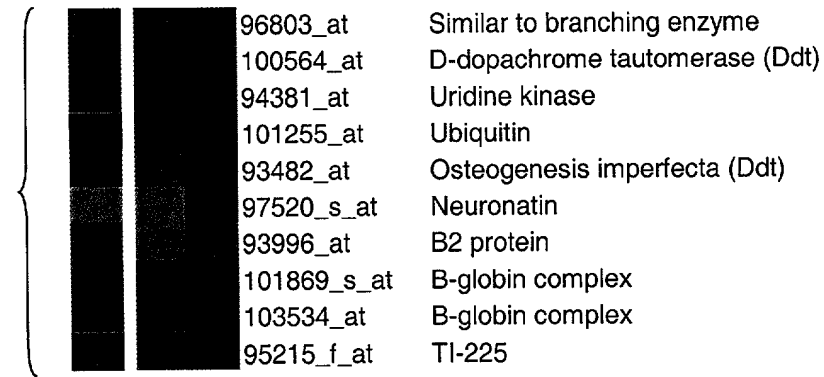
Mitochondrial



Cell Cycle



Other



95053\_s\_at 95072\_at 102000\_f\_at 100443\_at 96057\_at 95426\_at 98966\_at 103561\_s\_at 97504\_at 96803\_at 100564\_at 94381\_at 101255\_at 93482\_at 97520\_s\_at 93996\_at 101869\_s\_at 103534\_at 95215\_f\_at

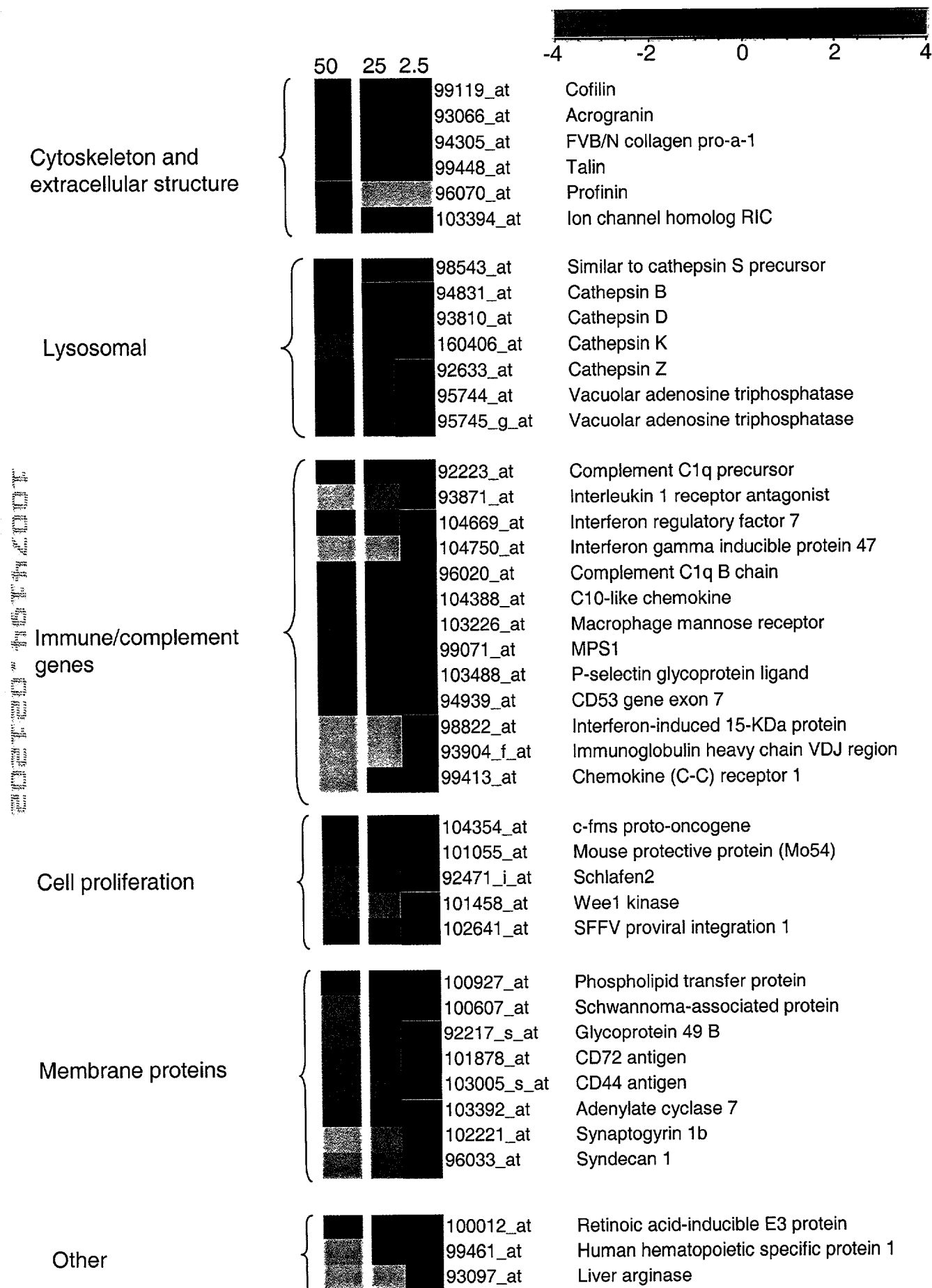


FIG 13D

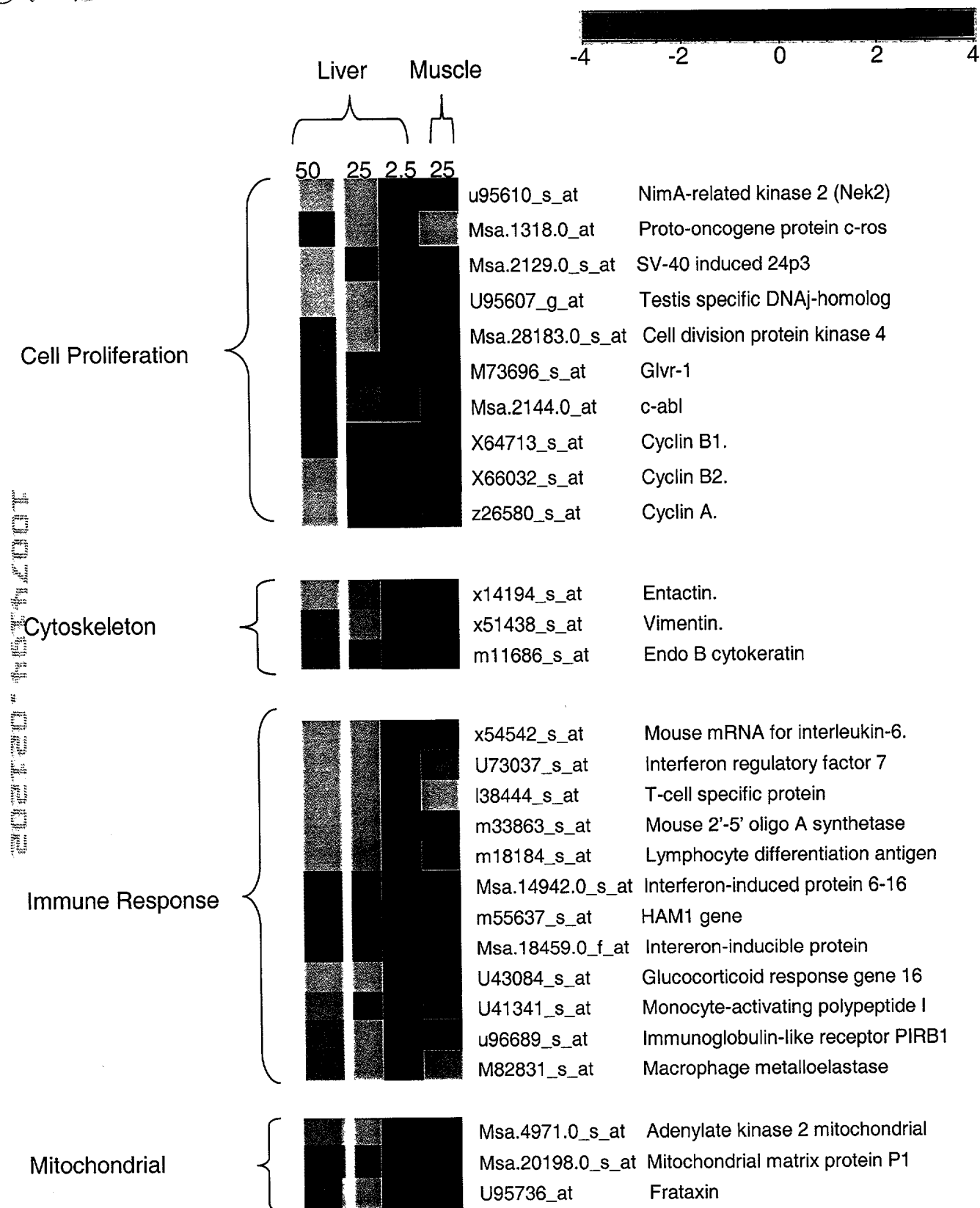


FIG 13E

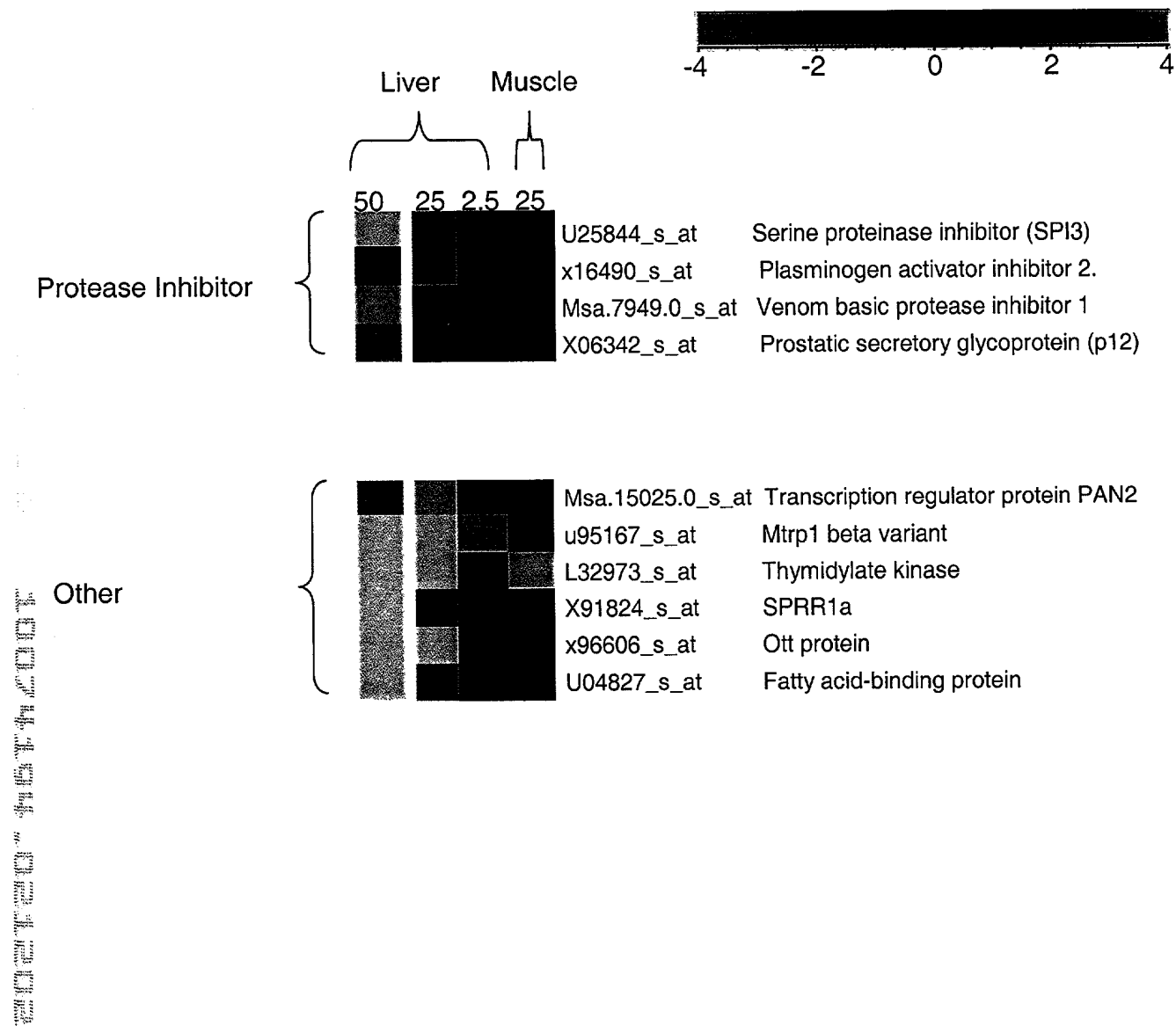


Figure 14A

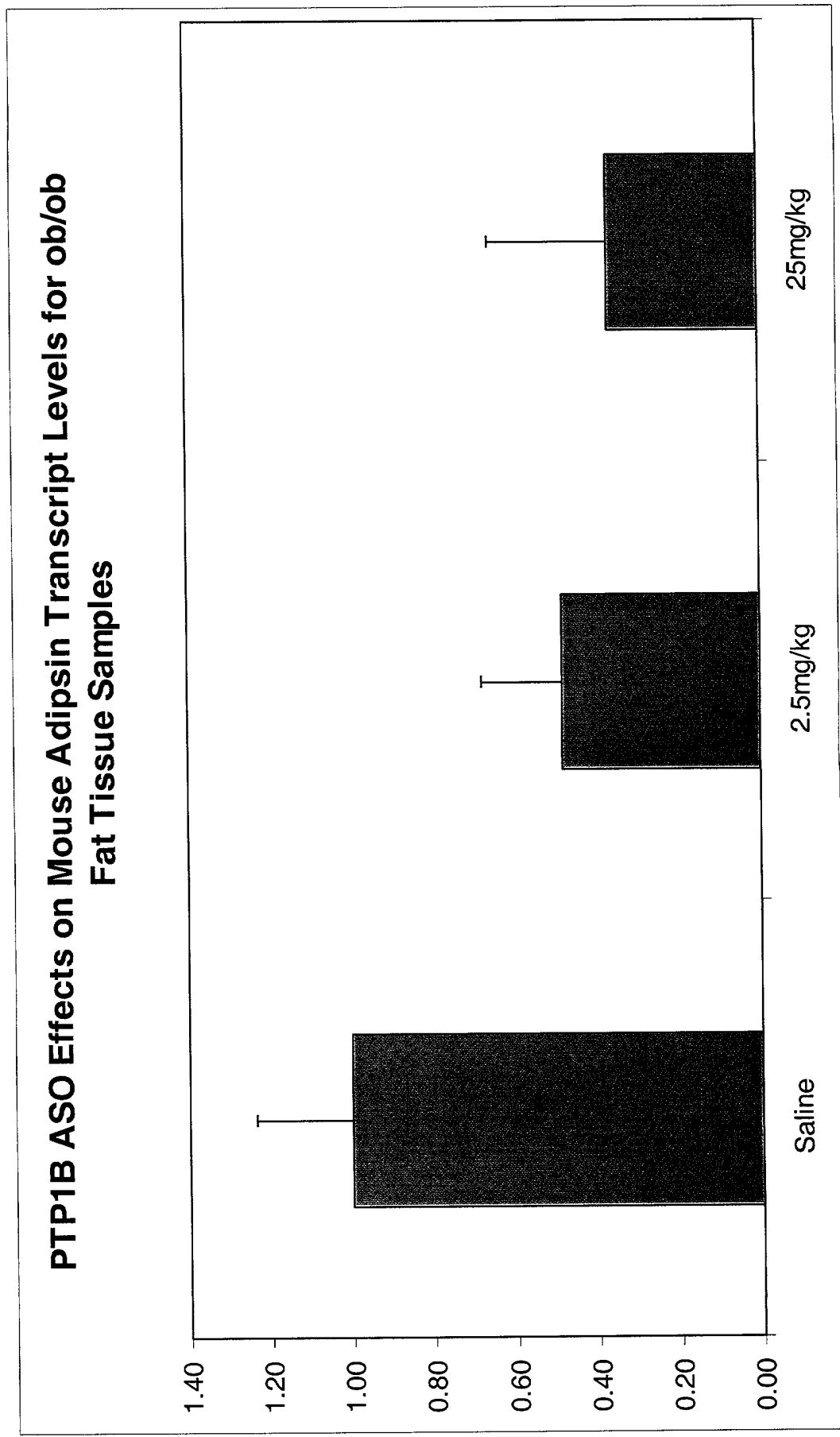


Figure 14B

**PTP1B ASO Effects on PAI-1 Transcript Levels in  
Mouse ob/ob Fat Samples**

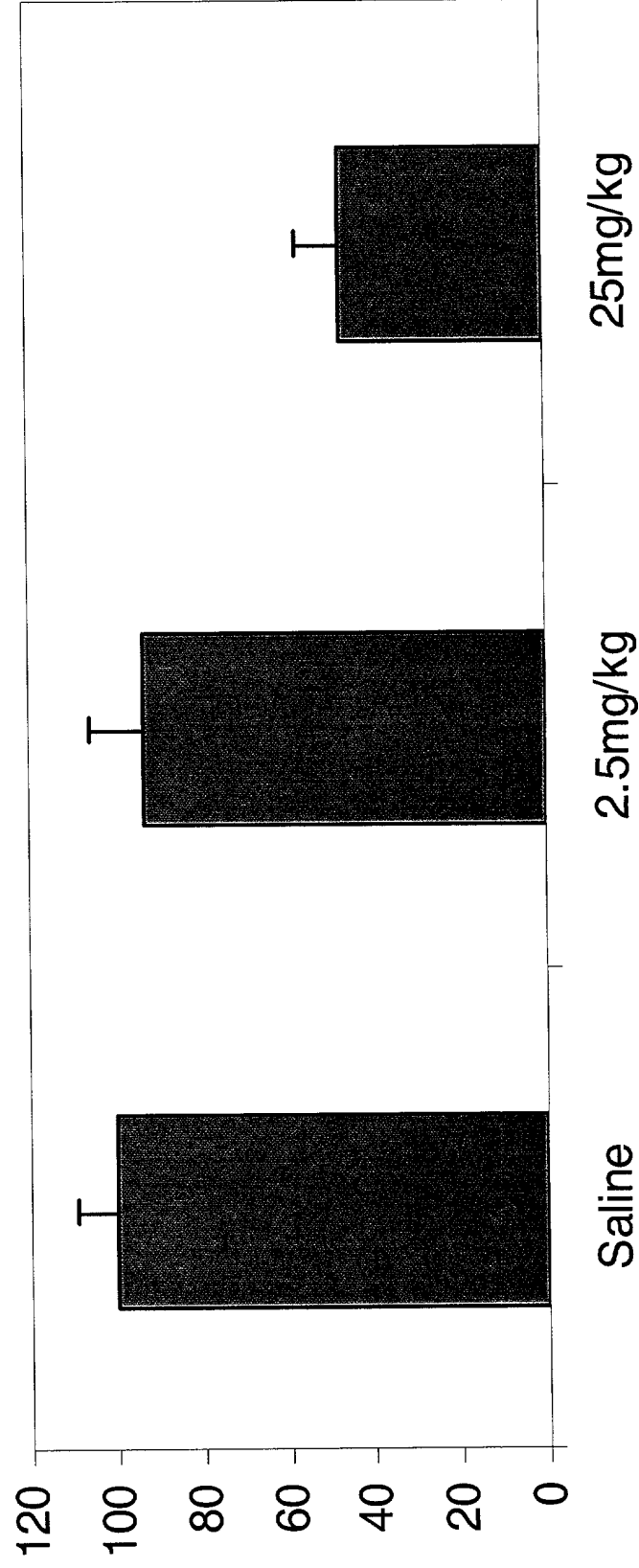
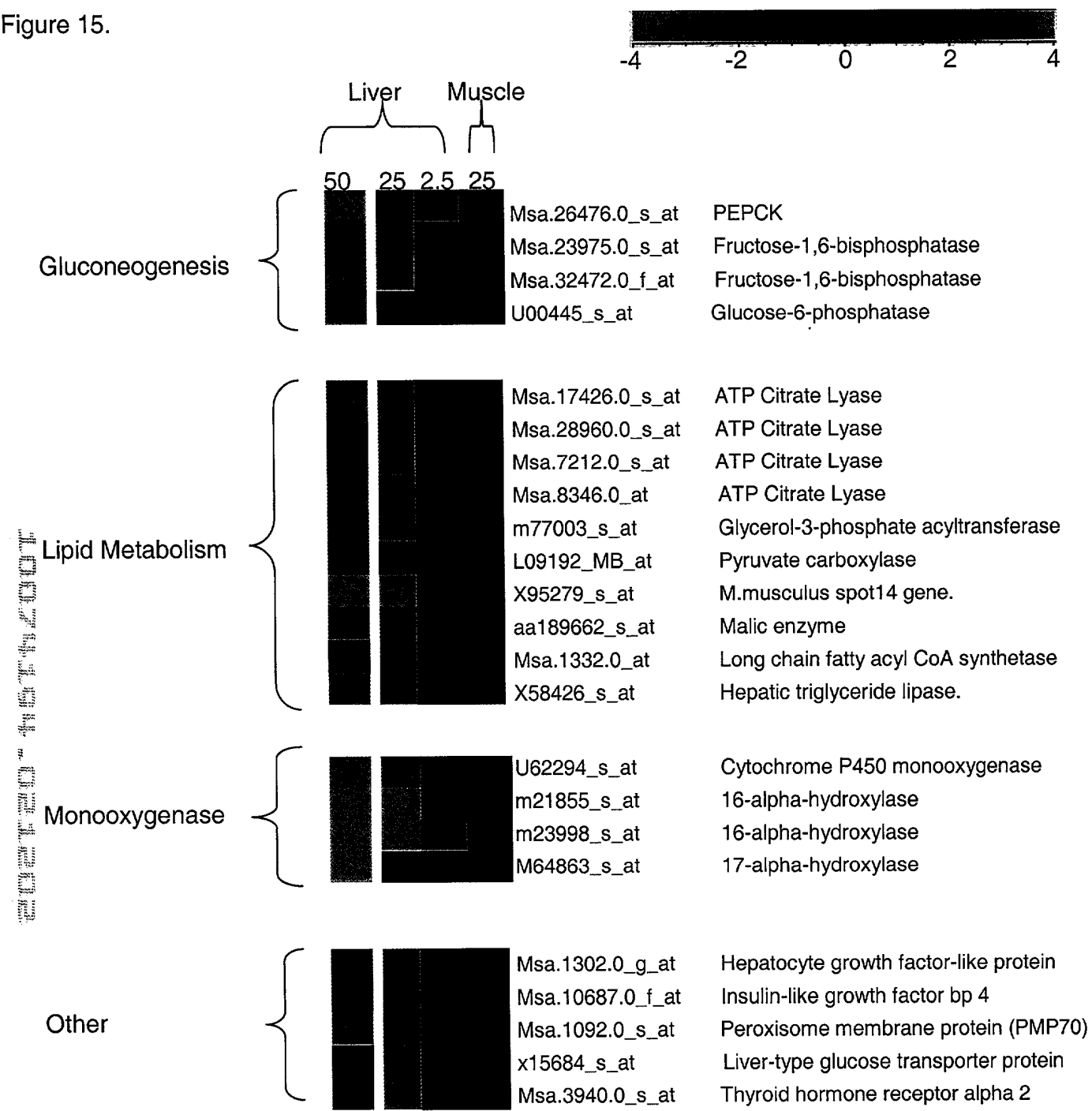
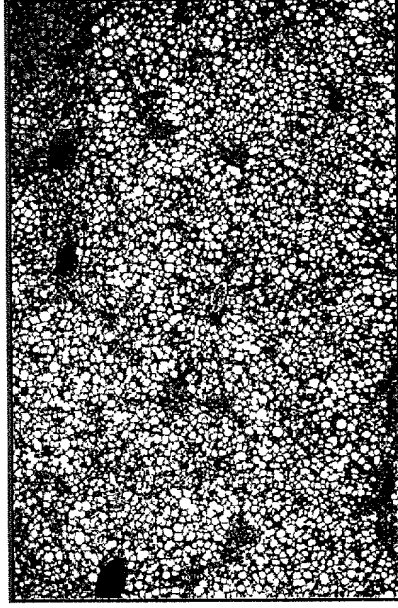


Figure 15.

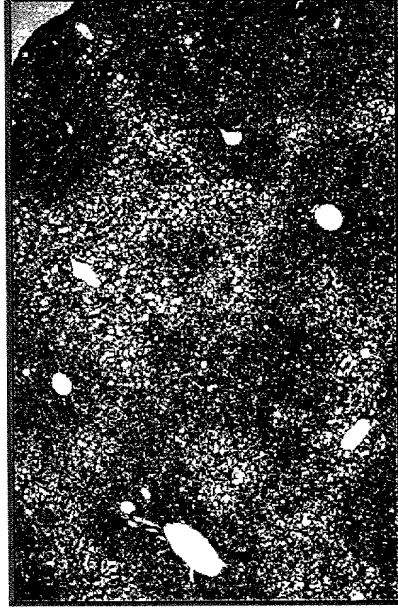


4X

Saline-treated



PTP1B ASO-treated



10X

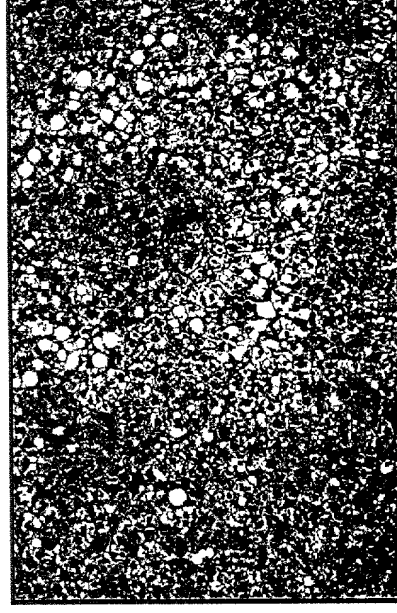
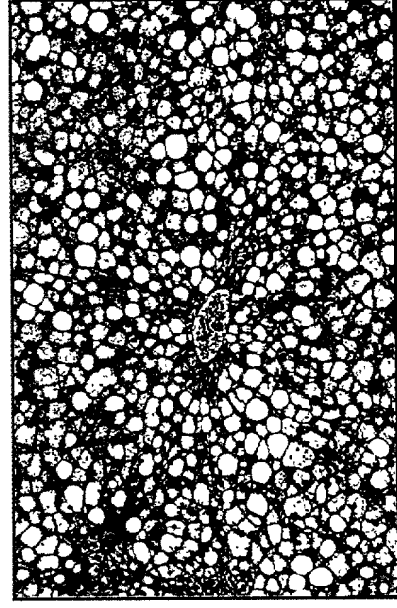


Figure 16.

Figure 17.

